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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,767	08/19/2003	Edward W. Johann	87359.1980	3008

7590                    03/02/2004

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EXAMINER

LUEBKE, RENEE S

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 03/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

H-1

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/642,767	JOHANN, EDWARD W.	
	<b>Examiner</b> Renee S. Luebke	<b>Art Unit</b> 2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
 THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on \_\_\_\_\_.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-23 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-4, 6, 7, 9, 11-13, 15, 18, 19 and 21 is/are rejected.  
 7) Claim(s) 5, 8, 10, 14, 16, 17, 20 and 22 is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 19 August 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

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1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the insulation of claim 5, the use of insulation between the bar and the connector (claim 6), the contoured bar of claim 7, means for gripping the latching mechanism (claim 12), means for impeding heat transfer (claim 14), and means for insulating the electrical connection from the latching mechanism in claim 15 must be shown or the features canceled from the claims. No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. The disclosure is objected to because of the following informalities:

a. The various insulations disclosed in claims 5, 6, 14 and 15, and the means for gripping the latching mechanism in claim 12 are not disclosed in the specification. It is unclear how these structures operate or where they are located.

b. In paragraph 23, “4” should be changed to *four* to avoid confusion with reference numerals.

c. In paragraph 24, it appears that “avoids” should be changed to *prevents*.

d. In paragraph 25 the spelling of MOLEX (second occurrence) should be corrected.

e. On line 7 of paragraph 31 it appears that “52” should be changed to 62.

f. Lines 9 and 11 of paragraph 32 appear to be missing text.

g. On the first line of paragraph 34 “FIGS.” should be changed to *figures* or *drawings*.

Appropriate correction is required.

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3. Claims 3, 5, 6, 12, 14, 15, 20, 21 and 23 are objected to because of the following informalities:

The various insulations disclosed in claims 5, 6, 14 and 15, and the means for gripping the latching mechanism in claim 12 are not disclosed in the specification. It is unclear how these structures operate or where they are located.

On line 3 of claim 6, “configure” should be *configured*.

Claim 20 lacks antecedent basis for “the combustion chamber” on the last line.

Claim 21 should refer to *a handle*, instead of “handles,” since the disclosure only indicates a single handle 40.

Claim 23 lacks antecedent basis for “the combustion device” and “the door” on line 2, and “the conduction chamber” on line 6.

Appropriate correction is required.

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-3, 7, 11, 12, 18, 19 and 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Rowe. This device comprises a bar 34 that latches a door 14 in a closed position, a first connector 25, 26, and a handle 33.

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7. Claims 4, 6, 9, 13, 15 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rowe. This device further comprises an attaching member 15 at one end of the bar and a second connector 20. It would have been obvious to use this arrangement with a combustion device, which also includes a door that must remain closed during operation. In regard to claims 6 and 15, the device of Rowe includes insulation 26.

8. Claims 8, 10, 16, 17 and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Newman, et al. and Lee, et al. are further examples of connectors on closures that are used to ascertain complete closure and security.

**10. Any response to this action **may be mailed to:****

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**or faxed to:**

(703) 872-9306

**Hand-delivered responses** should be brought to:

Crystal Plaza 4, Fourth Floor (Receptionist)  
2201 South Clark Place, Arlington, Virginia.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through

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Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

12. Any inquiry concerning this communication from the examiner should be directed to Mrs. Renee Luebke whose telephone number is (571) 272-2009.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mrs. Paula Bradley, can be reached at (571) 272-2800, extension 33.



Renee S. Luebke  
Primary Patent Examiner  
February 18, 2004